SEQUENCE LISTING

<110> THE DEPARTMENT OF AGRICULTURE, WESTERN AUSTRALIA

<120> WHEAT PLANTS HAVING INCREASED RESISTANCE TO IMIDAZOLINONE HERBICIDES

<130> 16313-0234

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<141> 2003-07-09

<150> 60/394,991
<151> 2002-07-10

<160> 9

<170> PatentIn Ver. 2.1

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<212> DNA
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cagttcgagt gacgaagaag agcgaagtca ctgcagcaat caagaagatg cttgagaccc 420
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Gly Leu Gly Ala Met Gly Phe Gly Leu Pro Ala Ala Ala Gly Ala Ala
20 25 30

Val Ala Asn Pro Gly Val Thr Val Val Asp Ile Asp Gly Asp Gly Ser
35 40 45

Phe Leu Met Asn Ile Gln Glu Leu Ala Leu Ile Arg Ile Glu Asn Leu
50 55 60

Pro Val Lys Val Met Ile Leu Asn Asn Gln His Leu Gly Met Val Val
65 70 75 80

Gln Trp Glu Asp Arg Phe Tyr Lys Ala Asn Arg Ala His Thr Tyr Leu
85 90 95

Gly Asn Pro Glu Asn Glu Ser Glu Ile Tyr Pro Asp Phe Val Thr Ile
100 105 110

Ala Lys Gly Phe Asn Val Pro Ala Val Arg Val Thr Lys Lys Ser Glu
115 120 125

Val Thr Ala Ala Ile Lys Lys Met Leu Glu Thr Pro Gly Pro Tyr Leu
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Leu Asp Ile Ile Val Pro His Gln Glu His Val Leu Pro Met Ile Pro
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Asn Gly Gly Ala Phe Lys Asp Met Ile
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<213> Triticum aestivum

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gttgttgaca ttgatggaga tggtagtttc ctcatgaaca ttcaggagtt ggcattgatc 180
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ccagggccat acttgttgga tatcatcgtc ccgcatcagg agcacgtgct gcctatgatc 480
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20 25 30

Ala Val Ala Asn Pro Gly Val Thr Val Val Asp Ile Asp Gly Asp Gly
35 40 45

Ser Phe Leu Met Asn Ile Gln Glu Leu Ala Leu Ile Arg Ile Glu Asn
50 55 60

Leu Pro Val Lys Val Met Ile Leu Asn Asn Gln His Leu Gly Met Val
65 70 75 80

Val Gln Trp Glu Asp Arg Phe Tyr Lys Ala Asn Arg Ala His Thr Tyr
85 90 95

Leu Gly Asn Pro Glu Asn Glu Ser Glu Ile Tyr Pro Asp Phe Val Thr
100 105 110

Ile Ala Lys Gly Phe Asn Val Pro Ala Val Arg Val Thr Lys Lys Ser
115 120 125

Glu Val Thr Ala Ala Ile Lys Lys Met Leu Glu Thr Pro Gly Pro Tyr
130 135 140

Leu Leu Asp Ile Ile Val Pro His Gln Glu His Val Leu Pro Met Ile
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Pro Asn Gly Gly Ala Phe Lys Asp Met Ile
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<212> PRT
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<220>
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Thr Arg Ser

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<210> 9
<211> 5
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<213> Artificial Sequence

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